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- (71) Applicant (for all designated States except US): AMERSHAM HEALTH AS [NO/NO]; Intellectual Property Dept., P.O. Box 4220 Nydalen, Nycoveien 1-2, N-0401 Oslo (NO).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): KLAVENESS, Jo [NO/NO]; Midtåsen 5, N-1166 Oslo (NO). JOHANNESEN, Edvin [NO/NO]; Amersham Health AS, P.O. Box 4220 Nydalen, Nycoveien 1-2, N-0401 Oslo (NO). TOLLESHAUG, Helge [NO/NO]; Amersham Health AS, P.O. Box 4220 Nydalen, Nycoveien 1-2, N-0401 Oslo (NO).
- (74) Agents: WULFF, Marianne, Welby et al.; Amersham Health AS, P.O. Box 4220 Nydalen, Nycoveien 1-2, N-0401 Oslo (NO).
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(57) Abstract: The invention provides contrast agents for optical imaging of lung cancer in patients. The contrast agents may be used in diagnosis of lung cancer, for follow up of progress in disease development, for follow up of treatment of lung cancer and for surgical guidance. Further, the invention provides methods for optical imaging of lung cancer in patients.

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